

Document 00911

NOTICE OF
ADDENDUM NO. 1

Date of Addendum: 2/12/16

PROJECT NAME: Citywide Traffic Signal Rebuild Package #9

PROJECT NO: N-310650-0084-4


BID DATE: February 18, 2016 (There is no change to the Bid Date.)

FROM: J. Timothy Lincoln, P.E., City Engineer
City of Houston
Department of Public Works and Engineering
611 Walker, 15th Floor
Houston, Texas 77002
Attn: Chad Zorn, P.E., Project Manager

TO: Prospective Bidders

The referenced Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable.

Written questions regarding this Addendum may be submitted to the Project Manager following the procedures specified in Document 00200 – Instructions to Bidders. Immediately notify the City Engineer through the named Project Manager upon finding discrepancies or omissions in the Bid Documents.



JK Ravi Kaleyatodi, P.E., CPM
Senior Assistant Director
Department of Public Works and
Engineering

END OF DOCUMENT

Document 00910

ADDENDUM NO. 1

Date of Addendum: 2/12/16

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PROJECT NO: WBS No.N-310650-0084-4

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City of Houston, Department of Public Works and Engineering
611 Walker Street
Houston, Texas 77002
Attn: Chad Zorn, P.E., Project Manager

TO: Prospective Bidders

This Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable. Insofar as the original Project Manual and Drawings are inconsistent, this Addendum governs.

CHANGES TO PROJECT MANUAL

SPECIFICATIONS

1. Document 01110 – Summary of Work

CLARIFICATIONS

1. The MWBE goal for this project cannot change. However, contractor can submit a participation plan that is less than the Contract Goal, by submitting a Record of Good Faith Efforts (Document 00471) with the bid. A bidder should also submit a request for a deviation (Document 00472) if the bidder, having used Good Faith Efforts, reasonably believes that it cannot meet the Contract Goal or a commercially useful deviation. Please follow document 00808 of the project manual.

2. Surveying requirements must follow the requirements on specification 01725 – Field Surveying. This project does require tying into survey points and data, as shown in the design plans.
3. Wage Rate Classifications can be added after the bid opening, utilizing form 1413, which is processed thru the Office of Business Opportunity.
4. Liquidated Damages have been revised in Document 01110 and are only enforceable per Document 0800.
5. Material on Hand will be paid in accordance with Document 00700, 3.9.3.1 and 9.6.1.
6. Electrical items can be paid after they installed, per measurement and payment requirements in the contract specifications.
7. No Temporary field office is required on this project.
8. Each intersection can be considered for "Partial Substantial Completion" after each traffic signal is turned on and contractor has obtained the City of Houston construction project manager's approval.

END OF ADDENDUM NO. 1

DATED: 

JK

Ravi Kaleyatodi, P.E., CPM
Senior Assistant Director
Department of Public Works and
Engineering

RK:JHK:CZ:sdd

END OF DOCUMENT

SECTION 1110

SUMMARY OF WORK

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Summary of the Work including work by the City, City-furnished Products, work sequence, future work, Contractor use of Premises, special conditions for substantial completion and City occupancy.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Work of the Contract is for construction of the Citywide Traffic Signal Rebuild Package #9, WBS No. N-310650-0084-3, which includes removal of existing and/or installation of new traffic signal systems at the following locations:

1. Synott Rd at Richmond Ave (Key Map 488-Y)
2. South Dairy Ashford Rd at Richmond Ave (Key Map 488-Z)
3. Bissonnet St at Woodfair Dr (Key Map 529-V)
4. Beechnut St at Brae Acres Rd (Key Map 530-K)
5. Oak Forest Dr at West 43rd St (Key Map 452-K)
6. Memorial Dr at Silber Rd (Key Map 491-C)
7. West Gulf Bank Rd at West Montgomery Rd (Key Map 411-R)
8. Dunvale Rd at Richmond Ave (Key Map 490-Y)
9. Westview Dr at Wirt Rd (Key Map 451-X)
10. Fire station #13 - 2215 West 43rd St (Key Map 451-M)

Contractor to follow the above mentioned sequence of order for the construction. The work to be performed will consist of furnishing and installing all materials, equipment, excavation, backfill, grading and seeding or paving of disturbed areas, disposal of all debris and surplus excavation materials, demolition of existing facilities necessary to complete turn bays, medians, sidewalks, wheelchair ramps, traffic signals, and other improvements as directed by the Engineer.

- B. Contractor is made aware that the overhead power lines will be in conflict with signal poles with luminaire arms. EOR has identified the locations and coordinated with Centerpoint Energy to raise the power lines prior to signal construction. Contact EOR at 713-609-9416 and Centerpoint-Electric Coordinator Ms. Cynthia L. Martinez at 713-207-6555 for any additional coordination, if required.
- C. Implement and maintain temporary traffic control during construction and establish permanent traffic control in accordance with the Traffic Control plans, notes, details and signing and pavement marking plans.

Citywide Traffic Signal Rebuild Package #9
WBS # N-310650-0084-3

- D. Truncated domes will be incidental to new or replaced wheelchair ramps.
- E. Tree Preservation:
 - 1. Contractor shall adhere to the requirements of Document 01562 – Tree and Plant Protection, Document 02112SS - Tree Protection, and Document 02915 – Tree Planting.
 - 2. Contractor will notify the City of Houston Parks and Recreation Department representative, Mr. Dale Temple, City Forester, at (832) 395-8459, at least two weeks in advance of clearing and cutting any tree.
- F. The City of Houston policy states that the replacement of custom sidewalks and/or driveways shall be made with plain concrete.
- G. No separate payment will be made for site restoration. This work shall be incidental to various bid items within Document 00410.
- H. The Contractor will be responsible for implementing the Storm Water Pollution Prevention Plan (SWPPP) and use best practices during construction. Contractor will also be responsible for all fees associated to SWPPP.

1.3 CASH ALLOWANCES

- A. Include the following specific Cash Allowances in Contract Price under provision of General Conditions Paragraph 3.11:
 - 1. Street Light Pole or Power Pole Removal or Relocation
 - 2. Street Cut Permits

1.4 ALTERNATES – Not Used.

1.5 CITY-FURNISHED PRODUCTS

- 1. Items Furnished by the City for Installation and final connection by Contractor: Water meter.
- 2. Contractor's Responsibilities:
 - 1. Arrange and pay for Product delivery to the site.
 - 2. Receive and unload Products at the site; jointly with the City, inspect for completeness or damage.
 - 3. Handle, store, Install, and finish Products.
 - 4. Repair or replace damaged items.

1.6 WORK SEQUENCE

- A. Construct the Work in Phases during the construction period, coordinate construction schedule and operations with the City:
 - 1. Phase 1: *No phases for this project.*

Citywide Traffic Signal Rebuild Package #9
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- B. For projects with no Phases, do not disturb more than 50% of total project linear feet of disturbed right-of-way and easement until site restored in accordance with Section 01740 – Site Restoration.
- C. Coordination of the Work: Refer to Section 01312 - Coordination and Meetings.
- D. The contractor shall be limited to construction of traffic signals and related work simultaneously at no more than five (5) intersections at any given time
- E. The contractor shall complete the construction activities within 60 calendar days of commencement of work for each intersection.

1.7 CONTRACTOR USE OF PREMISES

- A. Comply with procedures for access to the site and Contractor's use of rights-of-way as specified in Section 01145 - Use of Premises.
- B. Construction Operations: Limited to the City's rights-of-way provided by the City and areas shown or described in the Contract documents.
- C. Utility Outages and Shutdown: Provide a minimum of 48 hours notice to the City and private utility companies (when applicable), excluding weekends and holidays, in advance of required utility shutdown. Coordinate all work as required.
- D. Solid sod areas damaged during construction per Specification Section 02922 – Sodding, unless otherwise approved by Engineer.

1.8 STREET CUT ORDINANCE

- A. Excavations on or under pavement in the City's right-of-way must have a permit. Comply with City of Houston, Texas Ordinance No. 2000-1115, an ordinance amending Chapter 40 of the Code of Ordinances, Houston, Texas, relating to excavating in the Public right-of-way.
- B. Comply with the latest edition of street cut New Pavement Repair and Pavement Replacement details.
- C. Quantities are included for street cut pavement repair and replacement in applicable Specification sections for Unit Price contracts.
- D. Include payment for street cut pavement repair and replacement in lump sum bid for Stipulated Price contracts.

1.9 WARRANTY

- A. Comply with warranty requirements in accordance with Document 00700 - General Conditions.
- B. In addition to the above warranty, assign to City all warranty from equipment and materials issued by manufacturer or Subcontractor which extends beyond the 12-month period specified above.

1.10 ADDITIONAL CONDITIONS FOR SUBSTANTIAL COMPLETION

- A. In addition to requirements outlined in Document 00700 – General Conditions, for Contractor to be substantially complete with the Work and call for inspection by Project Manager to confirm, the following conditions must be met or completed:
1. All testing will be completed and accepted by Project Manager.
 2. All pay items completed.
 3. Contractor will contact Construction Project Manager to complete Texas Department of Licensing and Regulation Post Construction Inspection of pedestrian elements for Texas Accessibility Standards
- B. No additional condition described in Paragraph 1.10 may be included in Contractor's punch

list. PART 2

PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION

Citywide Traffic Signal Rebuild Package #9
WBS No. N-310650-0084-3

**REQUEST FOR
BID INFORMATION**

Document 00220

REQUEST FOR BID INFORMATION

PROJECT: Citywide Traffic Signal Rebuild Package #9

PROJECT No.: WBS No. N-310650-0084-3

TO: Chad Zorn, P.E.
14th Floor
611 Walker, Houston, Texas 77002

Phone No. (832) 395-2245
Fax No. (832) 395-2252
Email Addr. Chad.Zorn@houstontx.gov

(Type or Print question legibly; use back if more space is needed)

Can Anything be done to lower the Percentages in Document 800?
- OR -
Can the Wording be changed to where Suppliers can be used for 100% of the Goals?

This request relates to _____ and/or Document 800
Drawing / Detail No. Specification Section No.

Attachments to this request: _____

Frank Spanos
Signature
FRANK SPANOS
(Type or Print Name)
Statewide Traffic Signal Company
(Type or Print Company Name)

Feb. 11, 2016
Date

END OF DOCUMENT

COH (RFI) Questions & Comments

COH Traffic Signal Re-Build Pkg No. 9

Project Duration = 22 Months (Standard 60 Days per each 10 Intersections (Not Enough Time) + 60 Days Submittals & Material Proc.) = 660 Cal. Days

Will a Professional Surveyor be required to Survey each intersection prior to construction?

(Doc. 00805-23 Technicians) States "On the Job Training is equivalent, but we have no proper documentation for proof, only experience.

- 1) (Doc. 01725-1 1.01A) Requires a Licensed Surveyor.

(Doc. 01725-1 1.04B) Requires "Certified" Survey Documents.

(Estimate) \$2500 per Survey x 10 Intersections = \$25,000 that will have to be added into our bid.

- 2) (Doc. 00820-1 1.5) **Can the Wage Rate classification description "Traffic Signal / Light Pole Worker" (Classification #1145) and it's appropriate wage rate be added into this "Traffic Signal" project?**

This classification covers all aspects of Traffic Signal Construction, that is not included in the City's classification list.

- 3) (Doc. 01110-2 1.6 E) **Can an Addendum be included to REMOVE the paragraph, "Liquidated Damages Will Be Charged if construction activities are not complete within 60 days of commencement of work for each intersection" OR modify it so that the contractor is only charged LD's after the 660 Calendar Days.**

How can you compare the same 60 days to build a Fire Station Signal on 43rd St. with no existing signals to remove, no ped signals and no w/c ramps, with an intersection like Richmond @ Dunvale that has everything (peds, ramps, sidewalks, medians, removal of the existing intersection and heavy traffic).

The 660 calendar days mean nothing when LD's are charged per intersection, it only appears to enhance the LD's at the end of the project if the contractor were to possibly go over both, 60 days per intersection and 660 contract days, at the same time. The contractor could be forced to pay double LD's. LD's on an individual intersection & LD's on the overall project, both at the same time.

(This project has 10 intersections. It is possible, with the amount of work required at 6 of the intersections, that construction could go past 60 days (especially when you factor in underground utility conflicts, RFI's, Re-Building around very busy intersections and a lot of misc. concrete work) and the contractor could easily be charged 15 to 20 days of LD's on each of the 6 individual intersections. If so, 15 days x 6 intersections = 90 days x \$800 per day = \$72,000 in LD's, but yet still complete the overall project within the contract time allowed.

Just to walk across the street takes longer to do on Richmond Ave. as in comparison to walking across 43rd St. and the construction will be no different. A big, busy intersection will always take more time to build when compared to a standard intersection. Construction slows down and sometimes completely stops due to circumstances beyond the contractors control, but it still does not stop the 60 day clock from running.

Additional Inspector Fees for work on Saturdays, Sundays, & Legal Holidays

(Doc. 00800-2 8.1.6.1) Overtime, Sundays & Legal Holidays = 182 days x 8 hrs x \$50 per hour = **\$72,800** or \$400 per day (Inspection

(Doc. 00700 9.6.1.4) **Will Material on Hand be paid for this project?**

- 4) *** If so, will it be paid at 85% of the Bid Item Price or 85% of the Invoice Price?**
Will Retainage be held on MOH payments?

- 5) **Will the electronic/electrical items (controller cabinet assemblies, signals, peds, push buttons, opticom, etc...) be paid for when they are permanently installed OR when they are activated?**

Sometimes there are utility issues that prolong signal activations and we have to wait 1 or 2 additional months to get paid for reasons that are out of our control. This affects the percentage complete on the project, in a negative way, and makes it appear that we are behind on the project, when we may actually be ahead. It also prolongs payment to our suppliers.

- 6) (Doc. 01520) **Will a Temporary Field Office be required for this project?**

- 7) (Doc. 00700 1.1.17) **Can each intersection be considered "Substantially Complete" after each new traffic signal is "Turned-On", so LD's are not charged while waiting on Centerpoint Energy to disconnect the old power? OR Is there no true substantial completion, only final completion?**

With most having existing intersections, wheelchair ramps usually cannot be completed until after the power company removes the meter and disconnects the power drop. Existing poles are normally in the middle of the proposed ramps. The old services are sometimes installed on traffic signal poles and the poles cannot be removed until power is disconnected. Power disconnection can be set up with CPE, but is out of our control when they decide to disconnect it.